

Fig. 1
(Prior Art)

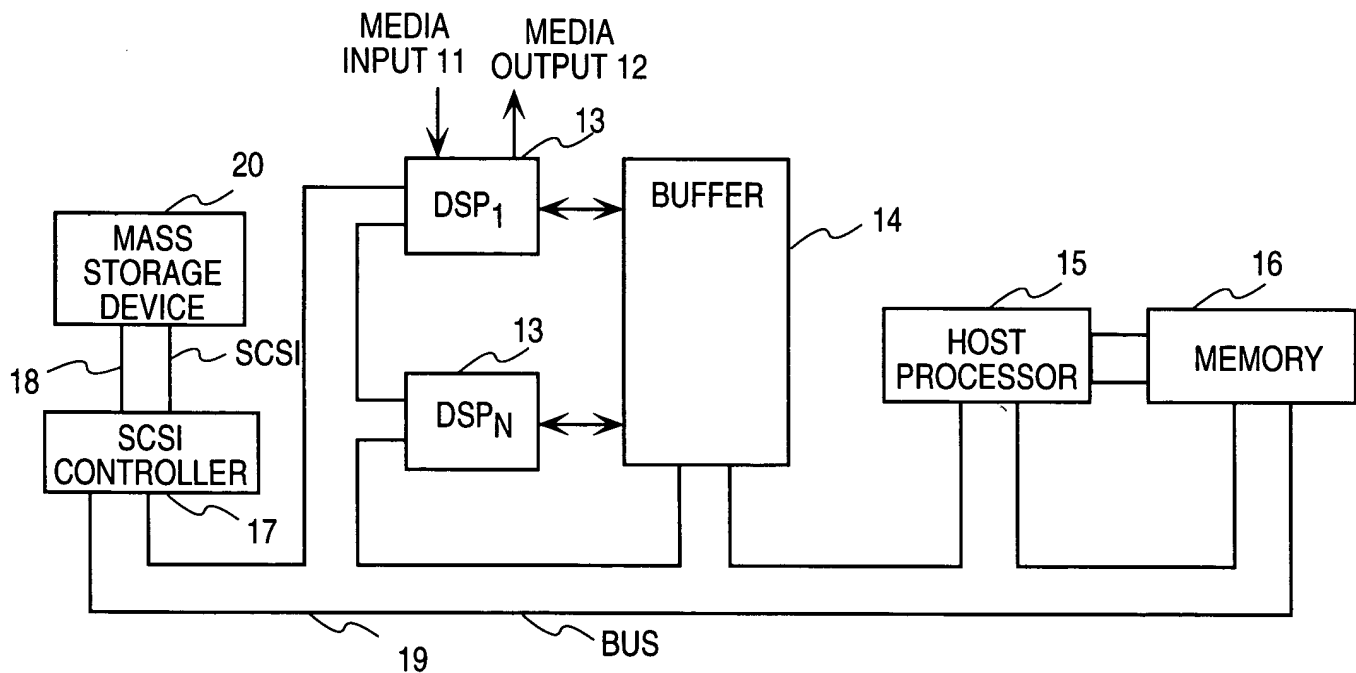


Fig. 2

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graph TD
    START([START]) --> J1(( ))
    J1 --> D1{PUNCH IN?  
101}
    D1 -- YES --> P1[102 TAG PREVIOUS 1 SEC  
OF BLOCKS FOR  
STORAGE]
    D1 -- NO --> D2{OLDEST BLOCK  
TAGGED FOR  
STORAGE  
105}
    P1 --> P2[103 TAG CURRENT  
BLOCK FOR  
STORAGE]
    P2 --> D3{REALLOCATE  
BLOCK?  
104}
    D3 -- YES --> D2
    D3 -- NO --> D4{PUNCH OUT?  
110}
    D4 -- YES --> P3[111 TAG BLOCKS  
CONTAINING  
FOLLOWING 1 SEC OF  
INPUT FOR STORAGE]
    D4 -- NO --> J1
    D2 -- YES --> P4[106 STORAGE BLOCK TO  
MASS STORAGE  
DEVICE]
    P4 --> D2
    D2 -- NO --> P5[107 REALLOCATE  
OLDEST BLOCK FOR  
OVERWRITE]
    P5 --> D5{108 RECORD  
INTERVAL IN  
PROGRESS}
    D5 -- YES --> P6[109 TAG CURRENT BLOCK  
FOR STORAGE]
    P6 --> D3
    D5 -- NO --> J1
  
```

Fig. 3

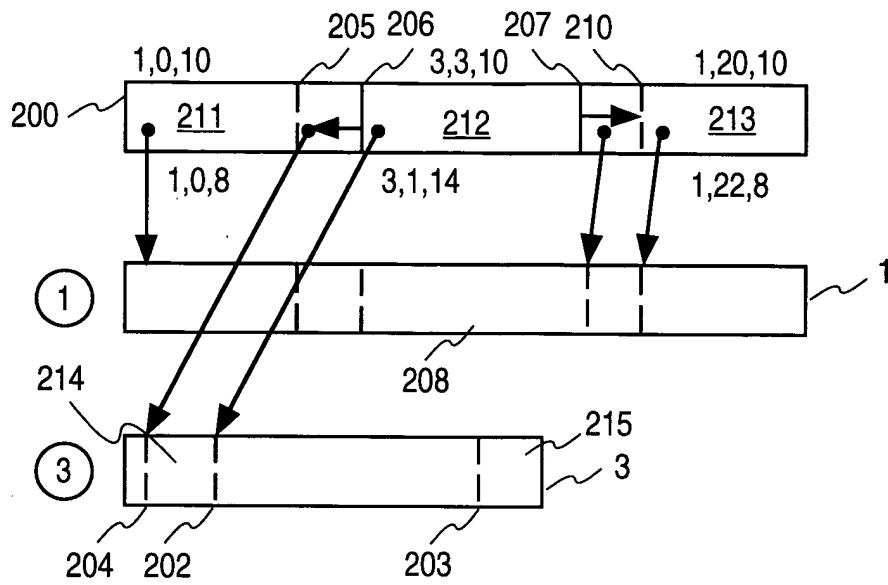


Fig. 4